

STATE OF WASHINGTON STATE BUILDING CODE COUNCIL

Washington State Energy Code Development Standard Energy Code Proposal Form

Jan 2022

		Log No. <u>21-GP3-028</u>	
Code being amended:	Commercial Provisions	Residential Provisions	
Code Section # C503.5			
Brief Description:			
To remove EPCA preemp systems.	ntion conflicts based on appliance	energy source for replacement and altered water service	
Proposed code change t new text and strikeout f		the Integrated Draft, linked above, and then use <u>underline</u> for	
components of existing and C501.6. Additions cause the existing sys EXCEPTION: The foll 1. Replacement of a s the same type and has other alterations made 2. Replacement of any 2.1. Electric water hea 2.2. Gas storage wate 2.3. Gas instantaneous Purpose of code change C503.4.6 as currently we expense on replacement	g systems that are altered or reson alterations shall not be made them to become out of compliant lowing equipment is not require ingle electric resistance or fuels the same or higher efficiency to the existing service water have of the following water heater afters with an input of 12 kW or less water heaters with an input of 75,00 is water heaters with an input of :	ed to comply with Section C404.2.1: -fired service water heating appliance with a unit that is and the same or lower capacity, provided there are no neating system size or configuration. appliances: less.	
	meet one of the following criteria.		
Addresses a critical li	ife/safety need.	Consistency with state or federal regulations.	
The amendment clarifies the intent or application of the code.Addresses a specific state policy or statute.		Addresses a unique character of the state.Corrects errors and omissions.	

(Note that energy conservation is a state policy)

Check the building types that would be impacted by your code change:						
Single family/duplex/townhome		Commercial / Retail				
Multi-family 1 − 3 stories						
Multi-family 4 + stories						
Your name	lan Casey		Email address	ian.casey@nwnatural.com		
Your organization	NW Natural		Phone number	(971) 979-6381		
Other contact name	Kevin Duell					

Is there an economic impact: ⊠ Yes □ No					
Briefly summarize your proposal's primary economic impacts and benefits to building owners, tenants, and businesses. If you answered "No" above, explain your reasoning.					
Provides more appliance choices for designers and builders to select equipment that best fits the needs of the specific building type and use to provide a more affordable installation cost and long term operational costs.					
Provide your best estimate of the construction cost (or cost savings) of your code change proposal? (See OFM Life Cycle Cost <u>Analysis tool</u> and <u>Instructions</u> ; use these <u>Inputs</u> . Webinars on the tool can be found <u>Here</u> and <u>Here</u>)					
\$Click here to enter text./square foot (For residential projects, also provide \$Click here to enter text./ dwelling unit)					
Show calculations here, and list sources for costs/savings, or attach backup data pages					
Provide your best estimate of the annual energy savings (or additional energy use) for your code change proposal?					
Click here to enter text.KWH/ square foot (or) Click here to enter text.KBTU/ square foot					
(For residential projects, also provide Click here to enter text.KWH/KBTU / dwelling unit)					
Show calculations here, and list sources for energy savings estimates, or attach backup data pages					
List any code enforcement time for additional plan review or inspections that your proposal will require, in hours per permit application:					
Small Business Impact. Describe economic impacts to small businesses:					
Housing Affordability. Describe economic impacts on housing affordability:					
Other. Describe other qualitative cost and benefits to owners, to occupants, to the public, to the environment, and to other stakeholders that have not yet been discussed:					

Economic Impact Data Sheet